

31933
S/123/61/000/0220-1
A004/A101

Investigating the possibilities ...

electrolyte and plating conditions in baths of 7, 70, 600, and 1,200 liters have been developed. For big bath volumes (1,200 l) and low power densities the following electrolyte composition is suggested (in g/l): $\text{NiSO}_4 \cdot 7\text{H}_2\text{O}$ 20-46, NaCl 20-46, H_2BO_3 25-30, sodium naphthalene disulfonate 2.6-27.6, pH 4-5. The following conditions were used: power density - 1.0-1.5 w/cm², temperature - 45-55°C, current density - 9-12 amp/dm², plating time - 12 min, yield according to current - 96-98, plating thickness - 20 μ . There are references.

N. Savina

[Abstracter's note. Complete translation]

Card 3/3

31935
S/123/61/000/022/012/024
A004/A101

118: 3511

AUTHORS: Pevzner, M.L., Smirnov, V.V.

TITLE: Copper-plating in a pyrophosphate electrolyte in the ultrasonic field

PERIODICAL: Referativnyy zhurnal. Mashinostroyeniye, no. 22, 1961, 73-74, abstract 22B444 ("Tr. Proyechn., tekhnol. i n.-i. in-ta Gor'kovsk. sovnarkhoz", 1959, no. 1, 22 - 30)

TEXT: The authors present the results of investigations carried out at the Gor'kovskiy avtozavod (Gor'kiy Automobile Plant) on the copper-plating in a pyrophosphate electrolyte using ultrasonics. The investigations were carried out on an experimental bath production line. In the latter a vinylplastic-lined steel bath 650 x 980 x 860 mm was installed, this bath having a volume of 450 liters at an electrolyte level of 760 mm. The electrolyte was heated by a stainless steel coil pipe placed on the bath bottom. The ultrasonic power sources were 2 tube generators of the ГYM-2 (GUM-2) and ГYM-2 M (GUM-2M) type with an output power of 1.5 kw each. The emitters with nickel magnetostrictive H9.1-4 (NEL-4) converters were suspended at the transverse side of the bath, two on each

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side. For a uniform sound treatment of the parts being coated the emitters were arranged one over the other. The emitter position in the bath was not changed. For tests with a high specific ultrasonic power a bath of 60 liters capacity was used. On its bottom an emitter of 1.5 kw h-f input power was placed. The direction of the sound beam was horizontal. The copper-plating of steel parts was carried out in an electrolyte of the following composition (in g /liter):
 $\text{CuSO}_4 \cdot 5\text{H}_2\text{O} - 35$, $\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O} - 140$, $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O} - 95$ and also $\text{CuSO}_4 \cdot 5\text{H}_2\text{O} - 13.4$, $\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O} - 53$, $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O} - 36.4$; $\text{CuSO}_4 \cdot 5\text{H}_2\text{O} - 70$, $\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O} - 200$, $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O} - 95$. It is shown that the optimum pH-value of the electrolyte corresponding to the conditions of good efficiency and ensuring a good adhesion between the coating and the steel base, should be 6.6. With an increase in the electrolyte temperature up to 45°C at a pH-value of 6.6 and a specific ultrasonic power of 3.5 w/l, the cathode current density limit grows up to 6 amp/dm². A further temperature increase of the electrolyte does practically not result in a cathode current density rise. High-quality fine-grained deposits are obtained in an electrolyte with a copper concentration of 35 g /l $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ at a current density of 6 amp/dm². An increase in the concentration up to 70 g /l ensures an operation at a current density of up to 8 amp/dm², but the coating produced is coarse-grained at a layer thickness of more

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5/123/61/000/1.22/012.02-
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than 10 μ . The copper plating obtained from pyrophosphate electrolytes using ultrasonics possesses practically the same porosity as a copper coating from cyanogen electrolytes with current reversal. The process of pyrophosphate copper-plating using ultrasonics can be expediently applied to replace the copper-plating process in cyanogen electrolytes, if between steel base and nickel coating an intermediate layer of 7 - 8 μ is produced and for the copper-plating of steel parts with a thickness of 35 - 40 μ with subsequent polishing of the obtained coating. The throwing power of the pyrophosphate electrolyte does not permit its use for the preliminary application of a copper layer on steel parts prior to copper-plating in an acid electrolyte. There are 4 references.

N. Savina

[Abstracter's note: Complete translation]

Card 3/3

137-1958-3-4871

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 59 (USSR)

AUTHOR: Pevzner, M. L.

TITLE: The Influence of Alkali Electrolytes on the Effectiveness of Cyanidation of Argillaceous Pulp (Vliyanie shchelochnykh elektrolitov na effektivnost' tsanirovaniya glinistyykh pul'p)

PERIODICAL: Kolyma, 1957, Nr 3, pp 30-32

ABSTRACT: An investigation was made of the cyanidation of slimes to which various amounts of CaO, NaOH, Na_2CO_3 , and NaHCO_3 were added. A flotation concentrate, with 99.7 percent of its particles not exceeding 0.074 mm, served as the cyanidation material. In all experiments the pulp was diluted in a 2.5:1 liquid-to-solid ratio. The Au content in the initial concentrate amounted to 12.8 - 14.0 g/t. Experimental results indicate that the completeness of the Au conversion in the process of cyanidation of argillaceous pulp is a function not only of the nature of the alkaline electrolyte, but of the Mo concentration in the pulp as well. In experiments in which CaO serves as an additive, the degree of extraction of Au decreases initially as a function of the increasing consumption of lime (up to 4 kg/t), and then

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PEVZNER, M.L.

Seeking optimum servicing norms for weavers, strippers, and loaders
working on automatic looms in Ivanovo mills. Izv.vys.ucheb.zav.;
tekh.tekst. prom. no.2:3-12 '58. (MIRA 11:5)
(Ivanovo Province--Weaving)

~~REVZNER, H. I., dot sent.~~

Method of tending automatic looms. Tekst.prom. 17 no.6 6-10
Je '57. (MLRA 10:7)

1. Ivanovskiy tekstil'nyy institut.
(Looms)

met 3/2

Journal of the Iron and Steel Institute
Vol. 176 Part 3
Mar. 1954
Foundry Practice

Accuracy and Surface Quality of Castings Made by the Lost-
Wax Process. A. S. Smirnov and M. M. Pevzner. (*Leningrad
Izvestiya*, 1953, (5), 3-5). (In Russian). This is a general
discussion of the dimensional and shape accuracy of castings
produced by the lost wax process, and of the effect of mould
preparation and other factors on their surface quality. 4 x

PEVNER, N. M.

Metallurgical Abst.

June 1954

Foundry Practice and Appliances

✓ "Precision and Surface Finish of Castings Made by the
Lost-Wax Process. A. S. Smirnov and M. M. Pevner
(*Litinskiy Proizvodstvo*, 1953, (8), 3-5).—[In Russian].
Accounts of over 5000 measurements on >300 small parts made by
precision casting are analysed. The deviation from the mean
distribution curves for different shapes and sizes is drawn
and the tolerances estimated.—S. K. L.

1. SMIRNOV, A. S.; PEVZNER, M. M.

2. USSR (600)

4. Precision casting

7. Precision and cleanness of surfaces of parts cast from fusible patterns,
Lit. proizv., no. 5, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Incl.

PEVZNER, Mikhail Naumovich

[Along partisan roads] Partizanskimi dorogami. Moskva, Izd-vo DOSAAF, 1959. 143 p. (MIRA 15:10)
(Ukraine- Description and travel)

1. The first part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order. The names are: [illegible]

2. The second part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order. The names are: [illegible]

3. The third part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order. The names are: [illegible]

PEVZNER, M.R.

Achievements in medical electronics. Med.prom. 14 no.6:59-60
Je '60. (MIRA 13:6)
(ELECTRONICS IN MEDICINE)

12)
AUTHORS: Leytman, Ya. I., Pevzner, M. S. SOV _____
TITLE: Thermal Effect of the Sulfonation of Xylenes and Ethylbenzene
PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 8, pp 2684-2686, USSR,
ABSTRACT: There are data available in publications on the problem of the thermal effect of the sulfonation reaction of aromatic compounds with respect to naphthalene (Ref 1) and resorcinol (Ref 2). In the present paper, the authors investigated the thermal effect of the sulfonation of all isomers of xylene and ethylbenzene. For this purpose the isomers of xylene and ethylbenzene with the constants given in table 1 were used. Sulfonation was carried out with 90.5% sulfuric acid. The reaction proceeds sufficiently quickly, and the evolution of heat takes 8-10 min. The calorimeter used for the determination of the thermal effect (Fig. 1) is described in detail. The thermal effect of the reaction ΔH was calculated according to the formula

$$\Delta H = \frac{K \cdot \Delta t^{\circ} \cdot 100 \text{ kcal/g-mole}}{g}, \text{ where } K = \text{heat value of the system}$$

in kcal/degree, Δt^0 = temperature increase in the calorimeter (corrected), 106 = molecular weight of the xylene isomers and ethyl benzene, g = weight of the hydrocarbon in grams. Table 2

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Thermal Effect of the Sulfonation of Xylenes and Ethylbenzene S.V. ... presents the final results of the experiments. Since in the experiments sulfuric acid was used in considerable excess (300-3000 fold), the variation of its concentration was extremely small during the experiment. Consequently, the thermal effect is the differential effect for a given concentration of sulfuric acid. The thermal effect of the sulfonation reaction as such is determined by deducing the differential heat of the dilution of the sulfuric acid from the total thermal effect obtained experimentally (Ref 4). The data indicate that the thermal effect of the sulfonation reaction of xylene isomers and ethylbenzene is expressed in 34-42% of the total thermal effect of the sulfonation process. The values obtained are: for m-xylene 4.1, p-xylene 4.1, o-xylene 5.5, and ethylbenzene 5.1 kcal/g-mole, respectively. There are 1 figure, 2 tables, and 4 references, 1 of which are Soviet.

ASSOCIATION: Leningradskiy tekhnologicheskii institut imeni Lennoveta (Leningrad Technological Institute imeni Lennovet)

SUBMITTED: July 7, 1958

Card 2/2

AUTHORS: Leptan, I. I. Pender, L. S. SOV'85-1

TITLE: The Determination of Isomeric Mixtures of Xylenes and Ethyl Benzene (Optimization of the Method for the Determination of the

PERIODICAL: Zhurnal analiticheskoy khimii, 1985, Vol. 32, No. 5, pp. 491 (USSR)

ABSTRACT: The chemical methods for the determination of the content of various isomers in technical xylene are widely spread as they have a high accuracy and do not require complicated apparatus. All those methods (Refs. 1-13) have, however, certain disadvantages. The method described in the present paper makes possible the quantitative determination of all three isomers as well as of ethyl benzene. It is based on the oxidation of the mixture and the determination according to an earlier described method (Ref. 14) of the trinitro compounds obtained. The o-xylene which boils by 10-15° higher than the next lower boiling isomer m-xylene (Ref. 15) was earlier separated quantitatively by fractional distillation and then was determined in the residual mixture of the other isomers was nitrated. In the first stage lead to the dinitro compounds, whereas the second stage supplied the trinitro products. The nitro compounds

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SOV. 19-11-1961

The Determination of Isomers Mixture of Xylenes and Nitro Derivatives

were weighed as a solid nitro derivatives of ethyl benzene which are in alcohol or far better soluble than the nitro derivatives of the m- and p-xylene (Ref. 1). A repeated repeated washing of the mixture with alcohol. The mixture was weighed again. The ratio between the residual and the initial was determined according to the solidification temperature and the corresponding fusible diagram (Ref. 1). In the mixture there are contained, besides the nitro derivative of ethyl benzene, also the not completely nitrated derivatives of m- and p-xylene. On the conditions of the nitration mentioned in this paper the amount is about 2% of the amount of trinitro-ethyl benzene and about 10% of the amount of trinitro-p-xylene. These values were taken into account in the determination of the trinitro-ethyl benzene. Based on the results of the analyses the authors determined empiric coefficients by means of which the actual content of the isomers in the mixture may be calculated. If the gravimetric results obtained if the conditions mentioned for the nitration were compared with the results of the samples treated in the same way were also spectroscopically analyzed. (This work was carried out by A. N. Aleksandrov at the Physical Laboratory of the Scientific Research Institute of the Ministry of Petroleum

Card 2/3

SOV. Sci. Tech. Rev. 1957, No. 1, p. 100
The Determination of Isomeric Mixtures of Xylenes and Ethyl Benzenes

Industry in Leningrad (v fizicheskoy laboratorii Leningradskogo n. -1. instituta Ministerstva nefti i gory promyshlennosti)) Either method supplies well reproducible results. Also a method for the determination of the content of isomeric xylene in the mixtures containing a great part of ethyl benzene (>65%) was elaborated. Either method of determination is described in detail. N. Ye. Khromova-Borisova and N. G. Borzova participated in the work. There are 1 figure, 4 tables, and 23 references, 10 of which are Soviet.

ASSOCIATION: Leningradskiy tekhnologicheskij institut im. L. S. L'vova, Leningrad Technological Institute (Meri L'vovskij,

SUBMITTED: May 11, 1957

1. Xylenes--Determination
2. Ethyl benzenes--Determination
3. Xylenes--Isomerism
4. Ethyl benzenes--Isomerism

Card 3/3

GOL'BERT, V.N., inzh.; PEVZNER, M.S., inzh.

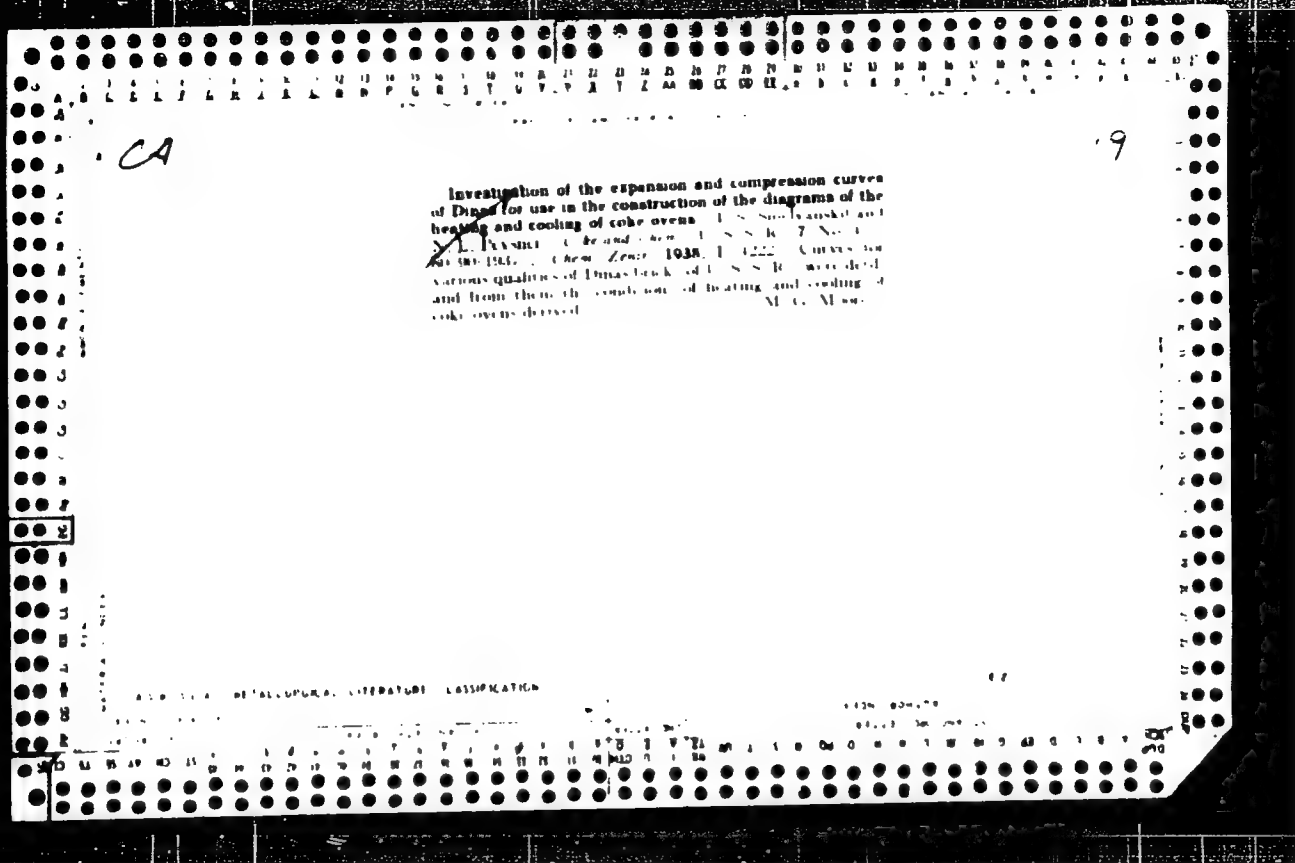
Concerning the book by S. K. Abramov, O.B. Skirgello, and M. I.
Chel'tsov "Drainage of mine areas and open pits of coal deposits."
Reviewed by V. N. Gol'bert, M. S. Pevzner. Shakht. stroi. 5
no.6:3-4 of cover Je '61. (MIRA 14:6)

(Mine drainage)
(Abramov, S.K.) (Skirgello, O.B.)
(Chel'tsov, M.I.)

DIYAROV, I.N.; PEVZNER, M.S. .

Spectrophotometric analysis of mixtures of ethyltoluene isomers
Zhur.anal.khim 17 no.1:102-104 Ja-F '62. (MIRA 1962)

1. Lensovet Leningrad Technological Institute.
(Toluene) (Spectrophotometry)



KOPYLOV, Fedor Aleksandrovich; PEVZNER, Mendel' Samuilovich;
NOVOZHILOV, D.A., red.; LEBEDEVA, G.T., tekhn. red.

[Medical principles for prosthesis] Meditsinskie osnovy protezirovaniia. Leningrad, Medgiz, 1962. 198 p. (MIRA 16:1)
(PROSTHESIS)

PEVZNER, M.S., inzh.; SKIRGELLO, O.B., inzh.

Improve the protection of deposits against underground water.
Gor.zhur. no.4:8-12 Ap '64. (MIRA 17:4

1. Institut TsNIIGorosusheniye.

PEVZNER, M. S.

Pevzner, M. S. - "Structure of the intellectual defect in closed trauma of the brain in children and adolescents," Trudy Tsent. in-ta psikhiatrii, Vol. IV, 1949, p. 80-88

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

PEVZNER, M.S., doktor meditsinskikh nauk

Loss of energy in flaccid paralysis of the lower extremities
when using apparatus to fix and stabilize the knee joint. Ortop.
travm. i protez. no.3:32-36 My-Je '55. (MLRA 8:10)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta
protezirovaniya (dir.--prof. F.A.Kopylov)

(LEG, paralysis,

flaccid, ther., braces stabilizing & fixing knee
joint, energy loss during use)

(PARALYSIS

flaccid of leg, ther., braces stabilizing & fixing
knee joint, energy loss during use)

(ORTHOPEDICS, apparatus and instruments,

braces in flaccid paralysis stabilizing & fixing
knee joint, energy loss during use)

PEVZNER, M.S., doktor meditsinskikh nauk

Appratus for mechanical therapy of radial paralysis. Ortop.travn.
i protez. no.4:49-50 J1-Ag '55. (MLRA 8:10)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta protezi-
rovaniya (dir.-prof. F.A.Kopylov)
(PARALYSIS,
radial, ther.,appar. for mechanical ther.)
(NERVES, RADIAL, paralysis
ther.,appar. for mechanical ther.)

VORONTSOV, F.S., inzhener; FEVZNER, M.S., doktor meditsinskikh nauk

Improved shoulder prosthesis. Ortop., travm. i protez. 17 no.1:
45-47 Ja-F '56. (MLRA 9:12)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta
protezirovaniya (dir. - prof. F.A.Kopylov)

(SHOULDER
prosthesis)
(PROSTHESIS
shoulder)

PEVZNER, M.S., doktor meditsinskikh nauk

Plastic surgery for extensive skin defects on hip stumps. Ortop.,
travm. protez. 1^o no.5:52-53 S-0 '56. (MLRA 10:1)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta pro-
tezirovaniya (dir. - prof. F.A.Kopylov)
(AMPUTATION STUMPS, surg.
skin defect correction on hip stump)

PEVZNER, M.S., doktor meditsinskikh nauk

Stabilizing operations on the ankle joint in flaccid paralysis in connection with prosthesis. Ortop.travm. i protez. 17 no.6:124-125
N-D '56. (MLRA 10:2)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta protezirovaniya (direktor - professor F.A.Kopylov)
(ANKLE--SURGERY) (PARALYSIS)

PEVZNER, Mariya Semenovna

[Oligophrenic children; a study of ~~mentally~~ handicapped children
in the process of their education and training] Deti-oligofreny;
izuchenie detei-oligofrenov v protsesse ikh vospitaniia i obu-
cheniia. Moskva, Izd-vo Akad.pedagog.nauk RSPSR, 1959. 484 p.
(MIRA 13:6)

(Mentally handicapped children)

LURIYA, A.R.; PEVZNER, M.S.; ZISLINA, N.N.; VINOGRADOVA, O.S.; LUBOVSKIY, V.I.; MESHCHEYAKOV, A.I.; MATYUSHKIN, A.M., red.; LAUT, V.G., tekhn.red.

[Retarded children; studies on characteristics of the higher nervous activity of oligophrenic children] Umstvenno otstalyi rebenok; ocherki izucheniia osobennostei vysshei nervnoi deiatel'nosti detei-oligofrenov. Pod red. A.R.Lurii. Moskva, 1960. 201 p. (MIRA 13:10)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut defektologii.

(MENTALLY HANDICAPPED CHILDREN)

PEVZNER, M.S., doktor med.nauk; BANKIN, V.A., inzhener

Prosthetic method in lateral deformities of the leg stump.

Ortop., travm. i protez. no. 5:17-22 '61.

(MIRA 21:6)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta protezirovaniya (dir. - dotsent M.V. Strukov).

(AMPUTATION STUMP) (ARTIFICIAL LIMBS)

DEGLIN, V.Ya.; MYASISHCHEV, V.N.; PEVZNER, M.S.

Paris congress on child psychiatry. Zhur. nevr. i psikh. 61
no.9:1424-1427 '61. (MIRA 14:9)
(CHILD PSYCHIATRY--CONGRESSES)

LEVANOV, M.S., doktor med.nauk (Leningrad, laboratoriya r.Yozha d.28,
yy.24); STROV, M.Y.

Indices of the results of prosthesis following amputation,
diseases and lesions of the locomotor apparatus. (Rus.,
travm. i protiv. no.12:18-23 1964.

1. Iz Leningradskogo instituta protezirovaniya (1964)
dokt.M.S. Levantov. Submitted January 23, 1964.

FEVCHENKO, M.I., doktor med.nauk (Leningrad, naberezhnaya reki Moyki,
d.18, kv.24)

Therapeutic and training prosthesis of the leg. Ortop., travm.
i protez. 26 no.12-53-57 D '65.

(MIRA 19:1)

1. Iz Leningradskogo instituta protezirovaniya (direktor ..
doksent M.V.Strukov). Submitted March 18, 1965.

PEVZNER, M.S., doktor med. nauk (TRUMBA, M.V., dotsent

Prosthesis and orthopedic and following amputation of the
extremities. Ortop., travm. i protez. 26 no.8 51-56 Iz '64.
(MIRA 18.9

1. Iz Leningradskogo instituta protezirovaniya (dir., dotsent
M.V. Strukov). Adres avtorov: Leningrad, prospekt Karla Marksa,
dom 9, Institut protezirovaniya.

PEVZNER, M.S., doktor med.nauk (Leningrad, naberezhnaya reki Moyki, dom
18, kv.24)

Experience with the use of plastic hip prostheses. Ortop., travm.
i protez. 26 no.2:36-41 F '65. (MIRA 18:5)

1. Iz Leningradskogo instituta protezirovaniya (dir. - dotsent M.V.
Strukov).

PEVZNER, M. A.

"The following information is being provided for your information."

report presented at the 1971 meeting of the International Conference on Mental Health, Copenhagen, Denmark.

Inst of Infect Dis, Univ of Michigan, Ann Arbor, Mich.

PEVZNER, M.S., (Prof.)

"The differential diagnosis between oligophrenia and similar states."

Report to be submitted for the International Copenhagen Congress
on the Scientific Study of Mental Retardation will be held in
Copenhagen, Denmark from 7-14 Aug 64.

KOPYLOV, F.A., prof.; BELOUSOV, P.I., doktor med.nauk; PEVZNER, M.S.,
doktor med.nauk

Clinics for the application of prostheses. Ortop.travm.i protez.
22 no.4:50-54 Ap '61. (MIRA 14:11)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta protezirovaniya (dir. - dotsent M.V. Strukov). Adres avtorov: Leningrad, prosp. Karla Marksa, d.6, Institut protezirovaniya.
(REHABILITATION CENTERS) (PROSTHESIS)

LEYTMAN, Ya.I.; DIYAKOV, I.N.; PEVZNER, M.S.

Isomeric composition of Co aromatic hydrocarbons of the fraction
of 150 - 170°C of catalytic reforming products. Neftekhimiya 2
no.2:242-247 Mr-Apr '62. (MIRA 15:6)

1. Leningradskiy tekhnologicheskiy institut imeni Lenooveta.
(Hydrocarbons---Spectra) (Petroleum---Refining)

PEVZNER, M. S.

"The Clinical characteristics of some form of psychopathy in children"
Second European Conference of Child Psychiatry, Rome, Italy,
31 May- 4 June 1963

Academy of Medical Sciences, Institute of Psychiatry, Moscow, USSR.

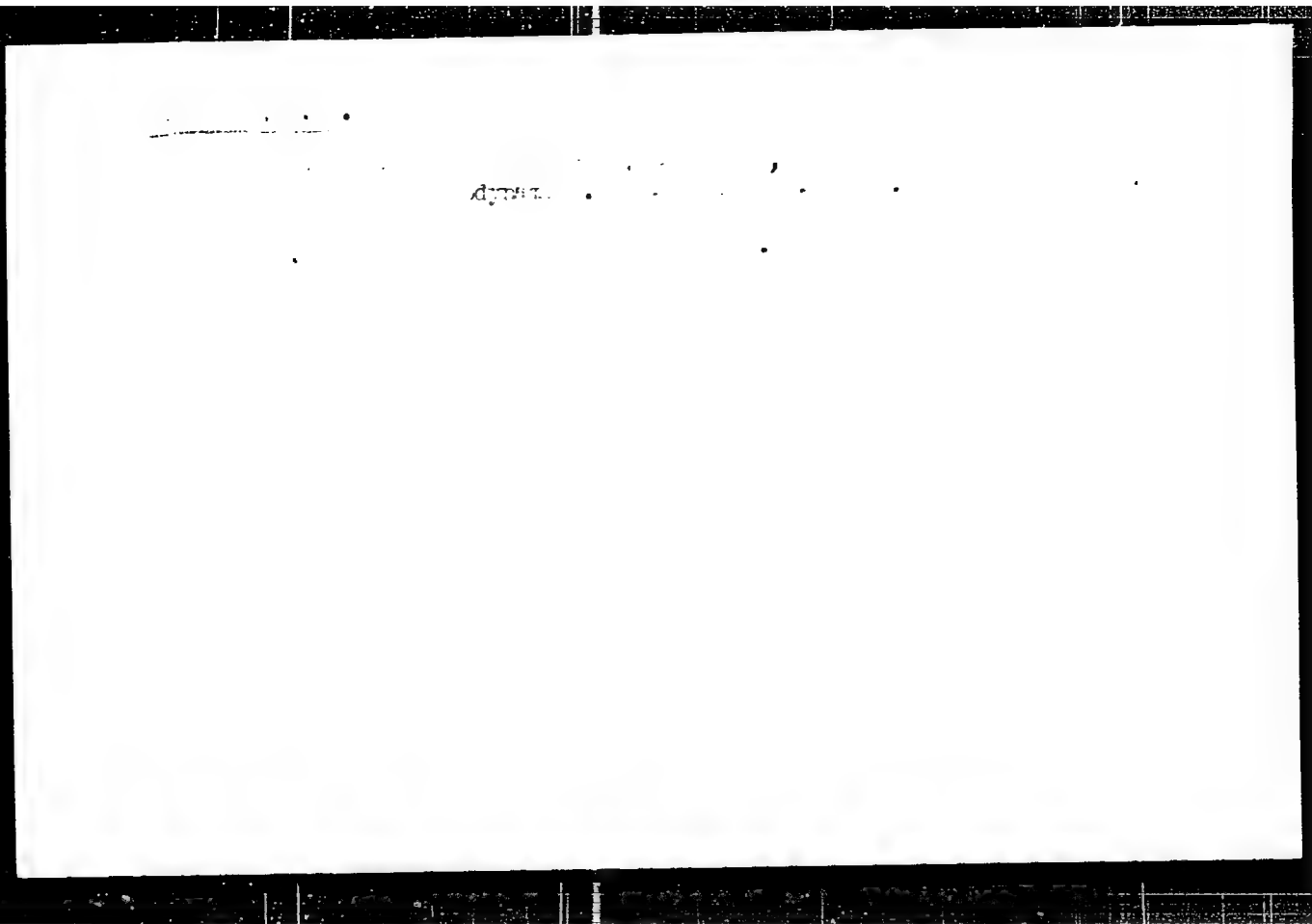
LEYTMAN, Ya.I.; PEVZNER, M.S.

Development of the methods of preparing diethyltoluamide, a repellent.
Zhur.prikl.khim. 36 no.3:632-639 My '63. (MIRA 16:5)

1. Leningradskiy tekhnologicheskij institut imeni Lensoвета.
(Toluamide)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240710020-4



APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240710020-4"

L 18251-63

EWI(1)/BDS AFFTC/ASD/ESD-3

ACCESSION NR: AP3002119

S/0185/63/008/006/0657/0663 56

AUTHOR: Pevzner, M. Sh.

TITLE: Some problems of phenomenological electrodynamics 21

SOURCE: Ukrains'kyy fizychnyy zhurnal, v. 8, no. 6, 657-663, 1963

TOPIC TAGS: classical electrodynamics, gauge invariance, phenomenological electrodynamics, point charge, quantum theory, moving media retarded solution.

ABSTRACT: Some problems of classical electrodynamics of moving material media were investigated. The properties of the gauge invariance of the equations of phenomenological electrodynamics were studied, and their retarded solutions for point charges were obtained. The expression for the energy of the retarded interaction of the point charges, accurate within $\frac{1}{c^2}$ is found for the case of slowly moving media. "In conclusion, the author thanks A. A. Borgardt for his consideration of this study". Orig. art. Has: 27 formulas.

ASSOCIATION: Dnipropetrovs'ky'y Derzhuniversy'tet
(Dnipropetrovsk State University)

Card ~~1/2~~

PEVZNER, M.Ye., inzh.

Study of the structure of a massif in investigating the stability
of the sides of Noril'sk pits. Izv. vys. ucheb. zav.; gor. zhur.
6 no.6:57-63 '63. (MIRA 16:8)

1. Moskovskiy institut radioelektroniki i gornoy elektrotehniki.
Rekomendovana kafedry geodezii i marksheyderskogo dela.
(Noril'sk region--Rocks--Testing)

PEVZNER, M. D.; KIRIYENKO, V. F.; KIM, D. N.

Effect of boring and blasting operations on the stability of
the edges of strip mines. Gor. zhur. no. 12:12-16 D '61.
(MIRA 15:2)

1. Noril'skiy gorno-metallurgicheskiy kombinat (for Pevzner,
Kiriyyenko). 2. Ural'skiy filial Vsesoyuznogo nauchno-
issledovatel'skogo marksheyderskogo instituta, Sverdlovsk
(for Kim).

(Boring)

(Blasting)

(Strip mining)

PEVZNER, M.Ye., inzh.

Stability of the sides of pits located beyond the Arctic Circle.
Shakht. stroi. 7 no.1:12-15 Ja '63.

(MIRA 16:2)

1. Noril'skiy gornometallurgicheskiy kombinat.
(Russia, Northern—Strip mining)

PEVZNER, M.Ye., inzh.

Mine surveying records of the sinking of vertical shafts. Shakht.
stroil. no.8:26-27 Ag '60. (MIRA 13:11)

1. Noril'skiy gorno-metallurgicheskiy kombinat.
(Noril'sk—Mine surveying)

... , Aleksei ...
DEDKCV, Boris Petr vint: ... , L.Ye., rec.; PEVZNER, ...

The city of ...
...
...

PEVZNER, N.L.

USSR .

836. An improved method for the determination of the thermal shock resistance of ceramic acid-resistant ware.—N. L. PEVZNER (Glass & Ceramics, Moscow, 11, No. 10, 11, 1953). In a brief note the author maintains that the Russian standard for chemical stoneware (GOST 473-53), introduced in 1953, is not sufficiently strict in specifying that the results of thermal-shock tests should be expressed as the number of heating-cycles withstood before the appearance of cracks 0.5 mm. wide. He suggests that the number of spalling-cycles should be reported " . . . before any cracks passing through the edges of the specimen appear."

PEVZNER, N.L.

Improving the method of determining the heat resistance of ceramic
acidproof products. Stek. i ker. 11 no.10:18-19 C '54. (MLBA 7:10)
(Ceramics)

PEVZNER, N.L.

~~Considering~~ service conditions of building materials. Standartizatsiia.
no .5:81-82 S-O '56. (MLRA 10:1)

1. Eksperimental'nyy zaved Nauchno-issledovatel'skogo instituta
stroykeramiki, (Building materials)

PEVZNER, N. L.

USSR/ Miscellaneous

Card 1/1 : Pub. 104 - 8/14

Authors : Pevzner, N. L.

Title : To improve the method of determining the thermal resistance of ceramic acid-resistant products

Periodical : Stek. i ker. 10, 18-19, Oct 1954

Abstract : A standard method, introduced by the Ministry of Structural Materials Industry USSR under GOST 473-53 (May 1, 1953), for the determination of the thermal resistance properties of ceramic acid-resistant products is briefly described.

Institution : ...

Submitted : ...

Smolyanskii, I. S., and Pervov, N. L. INVESTIGATION OF THE EXPANSION AND COMPRESSION CURVES OF DINAS FOR USE IN THE CONSTRUCTION OF THE DIAGRAMS OF THE HEATING AND COOLING OF COKE OVENS. *Kob. & Khim.*, 7 [48] 80-90 (1937). -Curves for various qualities of Dinas brick (of U.S.S.R.) were determined, and from them the conditions of heating and cooling of coke ovens were derived.

PEVZNER, N.L.

Device for determining the resistance of ceramic tiles to shock.
Stek. 1 ker. 17 no.6:J7-38 Je '60. (MIRA 13:6)
(Tiles--Testing)

LYSYKH, T.S., kand.tekhn.nauk; PASHIN, M.A., red.; LIPGART, A.A., red.; AL'-
 PEROVICH, A.G., red.; BORISOV, S.G., red.; BRISKIN, M.I., red.;
 DYBOV, O.V., red.; ZIL'BERBERG, Ya.G., red.; LOZAR', A.S., red.;
 LUNEV, I.S., red.; MAGAYEV, P.V., red.; PEVZNER, H.M., red.;
 PRYADILOV, V.I., red.; RAMAYKA, K.S., red.; SAMOLY, G.I., red.;
 SEDOVA, Ye.V., red.; TAMURCHI, O.V., red.; KHANIN, N.S., red.;
 CHAPCHAYEV, A.A., red.; CHISTOZVONOV, S.B., red.; SHKOL'NIKOV, E.M.,
 red.; LEZHNEVA, G.V., red.izd-va; SMIRNOVA, G.V., tekhn.red.

[Design and investigation of performance of power disk brakes]
 Issledovanie raboty diskovykh tormozov s usileniem i metod ikh
 rascheta. Moskva, Gos.nauchno-issledovatel'skii avtomobil'noi i
 avtomotornyi institut. Trudy, no.86) (MIRA 12:8)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
 nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
 (Automobiles--Brakes)

Country : USSR
 Category : Microbiology-Infectious and Systemic Antibiotics
 Ref. No. : Ref. No. - 3411, 3412, 1988, 1987.
 Author : Levzner, N. N. Minsk, 1988.
 Institut. :
 Title : A Method of Determining the Sensitivity of Microbes to Antibiotics
 Abstract : The method of determining the sensitivity of microorganisms to antibiotics is described. The method is based on the use of paper disks saturated with antibiotics. Methods and results are presented for the determination of sensitivity of the disease agent isolated from 157 children suffering with dysentery, scarlet fever, pertussis, and various complications ordinarily encountered in these diseases. In the majority of patients there was complete correspondence between the sensitivity of the disease agent to antibiotics upon testing by the method of paper disks and the therapeutic effectiveness of the preparations. - N. N. Levzner
 1/1

SHORIN, V.A.; PEVZNER, N.S.; SHAPOVALOVA, S.P.

Antibacterial properties of ristomycin in vitro and its chemotherapeutic activity. Antibiotiki 8 no.5:396-401 My'63
(MIRA 17:3)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.

72. Formation of Antibiotic Colimycin

"Formation of Colimycin in Cultures of *Actinomyces fradiae* var. *spiralis*," by F. G. Gauze, G. V. Kochetkova, T. P. Preobrazhenskaya, and N. S. Pevzner, Institute of the Search for New Antibiotics, Academy of Medical Sciences USSR, Antibiotiki, Vol 1, No 5, Sep/Oct 56, pp 4-8

This work describes the culture of *Actinomyces fradiae* var. *spiralis* and the formation in the culture of colimycin, one of the neomycin group of antibiotics. Colimycin is now being successfully applied in the therapy of some of the diseases caused by gram-negative bacteria and pathogenic

staphylococci. The culture develops white and rose-color mycelia on synthetic media with inorganic nitrogen and starch. The rose-color mycelia are the more active producers of colimycin. The formation of colimycin in the culture is accompanied by the autolysis of the mycelia and a rise in the concentration of amine nitrogen in the medium. The addition of starch, glycerine, glucose, and furamic acid to the culture stimulates the formation of colimycin. Malic and lactic acids inhibit the formation of the antibiotic. (U)

Sum

PEVZNER, N.S.; MIKHAYLOVA, Z.M. (Cand. of Med. Sci.)

"Method of Identifying Microbes That Respond the Antibiotics,"

p. 232 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. p. 405, Moscow, Medgiz, 1957.

SHORIN, V.A.; YUDINTSEV, S.D.; KUNRAT, I.A.; GOL'DBERG, L.Ye.; PEVZNER, N.S.;
BRAZHNIKOVA, M.G.; LOMAKINA, N.N.; OPARYSHEVA, Ye.F.

The new antibiotic actinoidin. Antibiotiki 2 no.5:44-49 S-O '67.
(MIRA 10:12)

1. Institut po izuskaniiu novykh antibiotikov AMN SSSR.

(ANTIBIOTICS,

actinoidin, pharmacol. (Rus))

PEVZNER, N.S.

Streptomycin-dependent strain of *Proteus vulgaris* obtained in anaerobic cultures. Antibiotiki 3 no.2:72-76 Mr-Apr '58. (MIRA 12:11)

1. Laboratoriya po izucheniyu lechebnykh svoystv novykh antibiotikov
Instituta po izyskaniyu antibiotikov AMN SSSR.

(*PROTEUS VULGARIS*, culture,
streptomycin-dependent strains obtained in anaerobic
cultures (Rus))

(*STREPTOMYCIN*,
dependent strains of *Proteus vulgaris* obtained in
anaerobic cultures (Rus))

PEVZNER, N.S.; SHAPOVALOVA, S.I.; BELOVA, I.F.

Experimental studies on biological properties of the antibiotic
14725 from the ostreogrycin group. Antibiotiki 9 no.9:828-23.
S '64. (MIRA 1964)

1. Laboratoriya po izucheniyu lechebnykh svoystv novykh anti-
biotikov (zav. - prof. V.A. Shorin) Instituta po izyskaniyu
novykh antibiotikov AMN SSSR, Moskva.

SHAPOVALOVA, S.P.; LITZNER, N.S.

Effectiveness of various antibiotics in the treatment of experimental staphylococcal infections in mice. Antibiotiki 1964, 9: P39-844 S 164. (MIRA 1964)

1. Laboratoriya po izucheniyu lecheniykh svoystv novykh antibiotikov (zav. - prof. V.A. Shorin) Instituta po izyskaniyu novykh antibiotikov AMN SSSR, Moskva.

SHORIN, V.A.; SHAPOVALOVA, S.P.; PEVZNER, N.S.

Antibacterial effect of kanamycin in vitro and its chemotherapeutic activity. Antibiotiki 9 no.2:134-138 F '64. (MIRA 17:12)

1. Laboratoriya po izucheniyu lechebnykh svoystv novykh antibiotikov (zav.~ prof. V.A. Shorin) Instituta po izyskaniyu novykh antibiotikov AMN SSSR, Moskva.

GOL'DBERG, L. Ye.; SHAPOVALOVA, S. P.; PEVZNER, N. S.; KUNRAT, I. A.; SHORIN, V. A.

"Chemotherapeutic and pharmacologic properties of the antibiotic ristomycin."

report submitted for Antibiotics Cong, Prague, 1961. June 1961.

Inst for Search of New Antibiotics, AMS USSR, Moscow.

SHORIN, V.A.; GOL'DBERG, L.Ye.; MURAVEYSKAYA, V.S.; PEVZNER, N.S.;
SHAPOVALOVA, S.P.; KUNRAT, I.A.; BELOVA, I.P.; KREMER, V.Ye.;
FILIPPOS'YAN, S.T.

Study of the antibacterial activity, toxicity and medicinal properties of methanesulfonates of monomycin and colimycin. Antibiotiki
6 no.10:897-904 0 '61. (M.A. 14:12)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.
(ANTIBIOTICS) (METHANESULFONIC ACID)

SHORIN, V.A.; PEVZNER, N.S.; SHAPOVALOVA, S.P.

Thioglycolic medium with phosphates for controlling the sterility under aerobic conditions of kanamycin and ~~monomycin~~ neomycin, antibiotics of the neomycin complex. Antibiotiki 5 no.6:76-80 N-D '60.

(MIRA 14:3)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.
(NEOMYCIN)

PEVZNER, N. S., CAND BIO SCI, ON THE PROBLEM OF THE
~~MECHANISM~~ MECHANISM OF STREPTOMYCIN. MOSCOW, 1960. (ACAD
MED SCI USSR). (KL, 2-61, 205).

-90-

PEVZNER, N.S.

Studies on the effect of monomycin on certain pathogenic and
facultative microbes in vitro. Antibiotiki 5 no. 5:72-76
S-O '60. (MIRA 13:10)

1. Laboratoriya izucheniya lechebnykh svoystv novykh antibiotikov
(zav. - prof. V.A. Shorin) Instituta po izyskaniyu novykh
antibiotikov AMN SSSR.
(ANTIBIOTICS)

88194

S/110/60/000/009/006/008

E073/E535

13.2000

AUTHOR: Pevzner, O.B.

TITLE: Synchronous Hysteresis Motors with Wound Strip Cores of the Rotor

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.9, pp.33-34

TEXT: Fractional h.p. synchronous hysteresis motors are used on an increasing scale in various fields of engineering. The electric characteristics and also the cost are determined to a large extent by the cost of the magnetic material of the rotor. In high performance hysteresis motors Vicalloy is used most frequently. The high cost and scarcity of Vicalloy hinders the more extensive use of this alloy. At VNIEM systematic tests were carried out with the object of reducing the Vicalloy consumption in these motors. Of interest is the proposal of I. I. Gorzhevskiy (Ref.1) to make the active part of the rotor from magnetically hard wire, which is wound in the shape of a cylindrical spring. A drawback of this design is the variable cross-section of the active layer, the limited range of available Vicalloy wires and the difficulty of fixing the wire spiral into the non-magnetic sleeve. In 1958 the

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E073/E535

Synchronous Hysteresis Motors with Wound Strip Cores of the Rotor

development was completed and at the end of 1959 the production was started of a new design of a rotor with a wound core which permits a radical solution of the problem of economy of the expensive and scarce Vicalloy and better utilization of the magnetic properties of this material. (Engineers P. D. Kharchenko, Yu.B. Borodulin and M. I. Sotnikov participated in the development of the motor; the technology of manufacture of wound cores was developed by Engineer I. Ye. Nikitin, taking into consideration the suggestions of A. I. Kharitonov and N. A. Sergeyev). The article does not contain a description of the motor but data are given of the comparative test results of a motor with a wound core and a motor with a core produced by stamping. The motor with the wound core rotor consumed 27% less power and the starting torque was 37% higher. The increase in efficiency is of considerable importance in the case of feeding the motor from a semiconductor amplifier. The saving in Vicalloy amounts to about 0.4 kg per motor. The author arrived at the following conclusions:

1) The production of wound core rotors enabled reducing the Vicalloy consumption by a factor of 5-10 as compared to that of

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1073/E435

Synchronous Hysteresis Motors with Wound Strip Cores of the Rotor

rotors assembled from rings. By using strips that are orientated along the direction of rolling for the magnetic loop the electrical indices of the motor are considerably improved and great savings are obtained in the time required for the laborious operation of determining the optimum tempering temperature of the rotors. There is a possibility of manufacturing silent motors with a large rotor diameter and small height of the active layer of the ring which would be difficult to achieve by stamping.

2) A disadvantage of these rotors is the necessity of using brass sleeves instead of aluminium or plastic ones and the difficulty of manufacturing wound cores for rotors with a relatively large height of the active layer.

3) In view of the considerable advantages the industrial production of rotors with wound cores is of great importance due to the large quantities of hysteresis motors being manufactured. There are 1 figure, 1 table and 4 Soviet references.

SUBMITTED January 22 1960

Doc 5/3

~~PAZDRA, O. I.~~; BRUSILOVSKIY, K. I.

Synchronous one-machine electric drive with a magnetic amplifier
for a phototelegraph apparatus. Elektrosviaz' 11 no. 8: 61-68 Ag

'57.

(MIRA 10:12)

(Phototelegraphy)

PEVZNER, O.B., kand.tekhn.nauk (Leningrad)

Equivalent circuit and exact circle diagram for a reactive
synchronous machine. Elektrichestvo no.2:64-68 7 '60.
(MIRA 12:)

(Electric motors, synchronous)

PEVZNER, O.B. , kand. tekhn. nauk

Synchronous hysteresis motors with spiral ribbon-type rotor
cores. Vest. elektroprom. 31 no.9:33-34 S '60. (MIRA 15:5
(Electric motors. Synchronous)

PFVZNER, O.B., kand.tekhn.nauk; BEL'MAN, M.Kh., inzh.; SHCHEKIN, G.A.;
FISHEL'ZON, I.V., inzh.

Increase in the life of regulator contactors of the electric motors
of telegraph apparatus. Vest. svyazi 22 no.10:14-15 0 '62.
(MIRA 15:11)

(Electric contactors) (Teletype)

SUBSIDIARY APPARATUS

"Synchronous Single-Machine Electric Drive with Magnetic Amplifier for Facsimile Apparatus", by O.B. Pevzner and K.A. Brusilovskiy. Elektrosvyaz'. No 8, August 1957, pp 61-68.

Description of an economical system for the synchronization of the electric drive of a facsimile apparatus using a dc motor and a high-frequency generator, both having a common magnetic circuit. Instead of using an electronic brake, the high-frequency generator is shunted with a magnetic amplifier, controlled by a phase-discriminator circuit. Expressions are given for the motor and generator power as functions of the voltage and load, and approximately linearized dynamic equations are derived, from which it is possible to determine the influence of the lag of the magnetic amplifier on the stability of the system.

Card 1/1

- 49 -

PEVZNER, O. E.

The following is among dissertations of the Leningrad Polytechnic Institute imeni Kalinin:

"Distortion of the Curve of the Moment of an Asynchronous Short-Circuited Motor with Additional Asynchronous Moments of the Highest Harmonics." 1 July 1947. An examination is made of the method of calculation of asynchronous parasitic moments and of the influence of individual parameters of the electric motor on their magnitude.

SO: M-1348, 28 Mar 56

PEVZNER, O. B.

USSR/Electricity - Induction Motors
Harmonics, Tooth

Mar 50

"Asynchronous Moments of Higher Harmonics of an Induction Motor," O. B. Pevzner, Cand Tech Sci, Leningrad Polytechnic Institute Kalinin

PA 171T12

"Elektrichestvo" No 3, pp 33-37

Examines methods of calculating asynchronous supplementary torques of squirrel-cage induction motor, created by tooth harmonics of field with uniformly excited gap. Obtains expressions for calculating tooth-harmonic moments at various values of slip and establishes need for allowing for effect of

171T12

USSR/Electricity - Induction Motors
(Contd)

Mar 50

retrogressive tooth wave in motor braking and starting processes. Submitted 26 Jul 49.

171T12

PEVZNER, O.B., and. tekhn.nauk; POSTNIKOV, I.M., doktor tekhn.nauk, prof.

Equivalent circuit and circle diagram for a reactive synchronous
machine. Elektrichestvo no.5:74-77 My '61. (MIRA 14:9)
(Electric motors, Synchronous)

PEVZNER, P.

Cost Accounting

Per shift cost accounting of employees, *Man. J. Amer. M. A.*, 1941.

Monthly List of Russian Accessions, Library of Congress, July 1941. Unclassified.

PEVZNER, P. L.

19949 PEVZNER, P. L. Raboty Akaderika A.A. Raykova po stroite l'ym i
ogneupornym materialam. Vestnik Akad. Nauk SSSR, 1949, No. 6, s. 8-29.

SO: LETOPIS ZHURNAL STATFY, Vol. 27, Moskva 1949

MARTINSON, G.G.; PEVZNER, P.S.

[Guide to Mesozoic and Cenozoic fresh water mollusks of eastern
Siberia] Opredelitel' mezozoiskikh i kainozoiskikh presnovodnykh
molluskov Vostochnoi Sibiri. Moskva, Izd-vo Akademii nauk SSSR,
1956. 91 p.

(Siberia, Eastern--Mollusks, fossil)

(MLRA 9:9)

TAKHTADZHIAN, A.L.; LEBEDEV, D.V., redaktor izdatel'stva; PEVZNER, P.S.,
tekhnicheskii redaktor

[The higher plants] Vysshie rasteniia. Moskva, Izd-vo Akademii
nauk SSSR. Vol.1. [From psilophytes to conifers] Ot psilofitovykh
do khvoinykh. 1956. 488 p. (MIRA 9:9)
(Botany)

1. PEVZNER, R.
2. USSR (600)
4. Beliankin, Dimitrii Stepanovich, 1876-
7. Useful book on technical petrography. "Petrography of technical stones."
D. S. Belyankin, B. V. Ivanov, V. V. Lapin. Reviewed by R. Pevzner.
Stek. i ker. 9 no. 9, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

Use of blast furnace slags in agriculture. R. L. ...
... from Scientific ... USSR ...
... 1962 ... *Chemie et Industrie* 43, 401. Field tests ...
... on 2 podzolic soils showed that blast furnace
slag can be used as calcic fertilizer, its effect being often
superior to that of calcareous tuff. In light sandy soils
granulated slag and pulverulent slags are particularly
effective, while in heavy clayey soils only pulverulent slag
is highly effective.

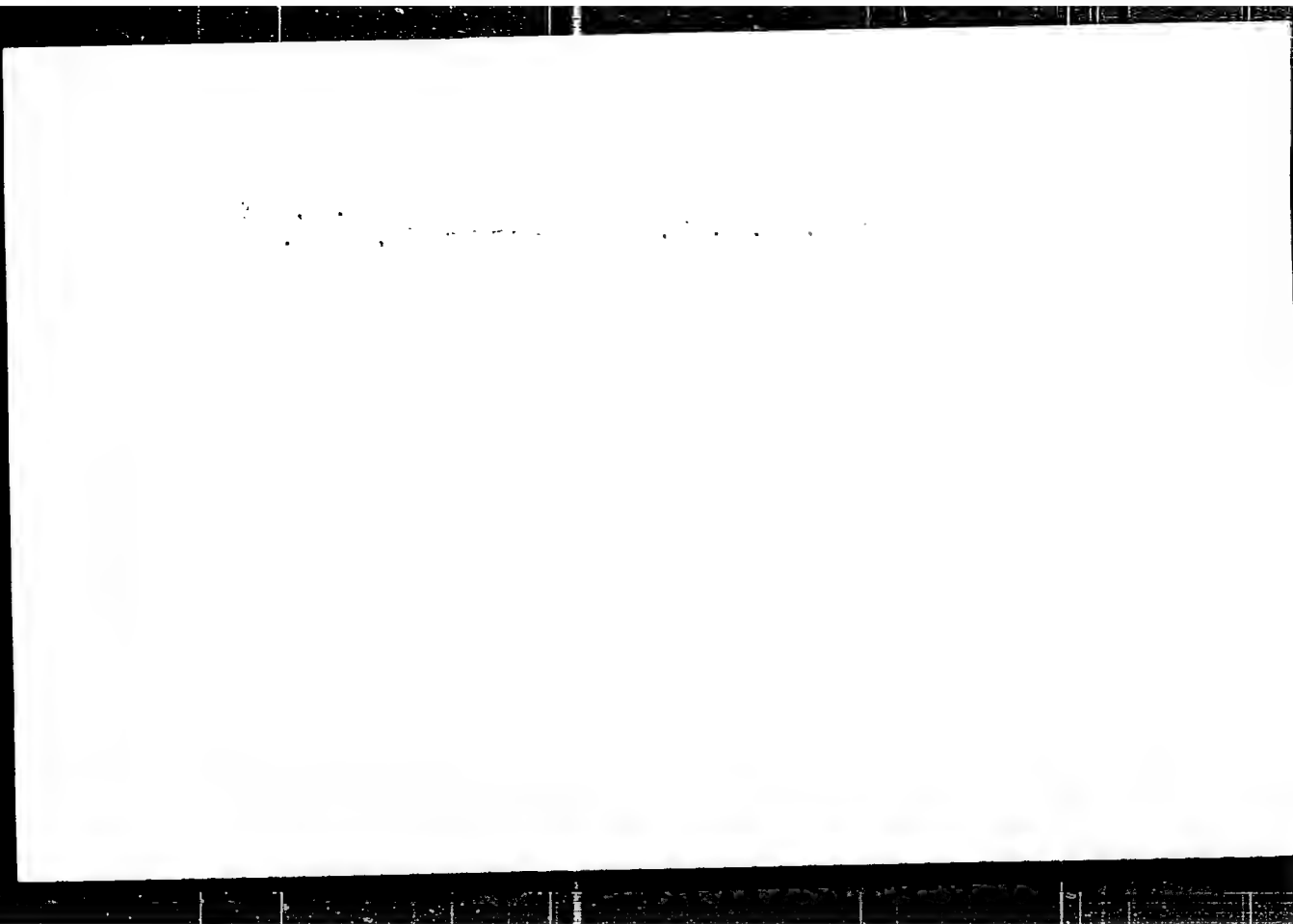
ASB 114 DETAIL SUPPLEMENT LITERATURE CLASSIFICATION

PEVZNER, R., professor, doktor tekhnicheskikh nauk.

Statistical analysis, production control and the quality of
production. Stroimaterialy i konstr. 1 no.12:14-16 D '55.
(Building materials industry--Quality control) (MLRA 9:7)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240710020-4



APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240710020-4"

I 21579-66 FWT(1) SCTR DD
ACC NR: AP6009429

SOURCE CODE: UR/0020/66/166/006/1447/1450

AUTHOR: Vinnikov, Ya. A.; Gazenko, O. G.; Titova, L. K.; Bronshteyn, A. A.;
Pevzner, R. A.; Aronova, M. Z.; Vasil'yev, P. V. 32
B

ORG: Laboratory of Evolutionary Morphology, Institute of Evolutionary Physiology and Biochemistry im. I. M. Sechenova, Academy of Sciences SSSR (Laboratoriya evolyutsionnoy morfologii Instituta evolyutsionnoy fiziologii i biokhimi Akademii nauk SSSR)

TITLE: Electron microscopy of mitochondria in the area of utricular synapses in the inner ear of vertebrates

SOURCE: AN SSSR. Doklady, v. 166, no. 6, 1966, 1447-1450

TOPIC TAGS: inner ear, animal physiology, neurophysiology, utricle, receptor cell, synapse, centripetal acceleration, acceleration effect

ABSTRACT: Comparison of utricular receptors in resting and centrifuged animals disclosed some interesting features of the spatial relationship between the mitochondria of hair cells and their synapses. A variety of animals — white mice, land tortoises, common frogs, pigeons, chickens, and pickerel — were subjected to single and repeated centripetal accelerations of 10—18 G for 5—10 min. The inner ear of each animal was removed before decapitation. Electron microscopy of the utricles of experimental animals showed that the mitochondria of utricular hair cells can be in close contact with the presynaptic membrane, especially in animals subjected to

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UDC: 576.347

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ACC NR: AP6009429

accelerations. This grouping of the presynaptic mitochondria at the membrane was especially evident in the utricular hair cells of white mice rotated for 3 min at 18 G. Grouping of presynaptic mitochondria was also observed in efferent bud-shaped nerve endings in the utricles of frogs and tortoises centrifuged three times at 10 G. A similar phenomenon was noted in utricular cells of pickerel after 10 min of centrifugation at 10 G. It is postulated from the experimental data, including electron micrographs, that the mitochondrial apparatus of utricular receptor cells in vertebrates participates in the work of utricular synaptic structures. The authors' previous observations of the change in dehydrogenase activity of the synaptic mitochondria as a result of specific stimulation of the utricle support this conclusion. Various possible mechanisms of mitochondrial participation in the activity of synapses are presented. The results of this study are of special significance in increasing the understanding of the nature of utricular receptor excitation and the neural transmission of excitation under altered gravity conditions. An interpretation of these phenomena will be the subject of future studies. [JS]

SUB CODE: 06/ SUBM DATE: 28Jul65/ ORIG REF: 008/ OTH REF: 010/ ATD PRESS:

4219

Cord 2/2

U/R

PEVZNER, R.A.

Cytohistochemical study of the taste bulbs in Teleostei (Cyp-
rinus carpio and Carassius carassius). Dokl. AN SSSR 147
no. 5:1187-1190 D '62. (MIRA 16:2)

1. Institut evolyutsionnoy fiziologii im. I.M. Sechenova AN
SSSR. Predstavleno akademikom V.N. Chernigovskim.
(Sense organs--Fishes) (Carp)

REVENUE, 19

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PEVZNER, R.A.

Distribution of acetylcholinesterase in the waste blood of some vertebrates. Dokl. AN SSSR 155 no. 4:930-932 Apr 1964. MIRA 17:4

1. Institut evolyutsionnoy fiziologii im. I.M.Semenova AN SSSR. Predstavleno akademikom V.N.Chernigovskim.